REFERENCE 11 COPYRIGHT 2004 ACS on STN AN 97:145900 HCA ΤI Adhesives. PA Toyo Ink Mfg. Co., Ltd., Japan Jpn. Kokai Tokkyo Koho, 8 pp. CODEN: JKXXAF DT Patent LA Japanese FAN.CNT 1 PATENT NO. KIND DATE APPLICATION NO. DATE \_\_\_\_\_ -----JP--57030774 A2 19820219 1980JP-0104424 19800731 JP--01047507 B4 19891013 A2 1988JP-0304048 19881202 JP-~02058586 19900227 JP--03046513 B4 19910716 PRAI 1980JP-0104424 19800731 Mixts. of a polyolefin contg. a polyolefin grafted with an ethylenic unsatd. carboxylic acid and optionally contg. a metal compd. are useful as adhesives for food packaging films. Thus, 100 parts polypropylene (I) [9003-07-0] was grafted with 100 parts maleic anhydride to give a graft copolymer (II) [25722-45-6]. II 10, I 2.5, Al(OH)3 0.1, and xylene 60 parts were mixed. Al foil-polyester laminate was coated (Al surface) with the mixed compn. and pressed together with I film to give a food packaging film having good heat resistance. Packaging materials (for food, laminates of aluminum foil with polyesters and polypropylene as, olefin polymer adhesives for) IT Polyesters, uses and miscellaneous RL: USES (Uses) (laminates with aluminum foil and polypropylene, for food packaging, olefin polymer adhesives for) IT Food (packaging materials for, laminates of aluminum foil with polyesters and polypropylene as, olefin polymer adhesives for) IT (polyolefins contg. olefin-unsatd. carboxylic acid graft copolymers as, for food packaging films) IT 9002-88-4 RL: TEM (Technical or engineered material use); USES (Uses) (adhesives, contg. ethylene-maleic anhydride graft copolymers, for food packaging films) 9003-07-0 IT RL: TEM (Technical or engineered material use); USES (Uses) (adhesives, contg. unsatd. carboxylated acid-grafted polypropylene, for food packaging films) IT 7429-90-5, uses and miscellaneous RL: USES (Uses) (foil, laminates with polyesters and polypropylene, for food packaging) IΤ 9006-26-2 RL: USES (Uses) (graft, adhesives, contg. polyethylene, for food packaging films) IΤ 25722-45-6 RL: USES (Uses) (graft, adhesives, contg. polypropylene, for food packaging films) IT 25214-24-8 RL: USES (Uses) (graft, adhesives, contg. polypropylene, for foot packaging films) IT 21645-51-2, uses and miscellaneous

(olefin polymer adhesives contg., for good bond strength)

RL: USES (Uses)